

AGENDA MEMORANDUM**SUBJECT:** Department of Environmental Protection Innovative Solid Waste Grant**DEPARTMENT:** Fiscal Services **DIVISION:** Grants Administration**AUTHORIZED BY:** Lisa Spriggs **CONTACT:** Lee Bailey **EXT.** 7125

Agenda Date 10-26-04 **Regular** ☐ **Consent** ☒ **Work Session** ☐ **Briefing** ☐
Public Hearing – 1:30 ☐ **Public Hearing – 7:00** ☐

MOTION/RECOMMENDATION:

Approval and authorize Chairman to execute DEP application and Memorandum of Understanding with UCF for FY 2004/05 Innovative Recycling and Waste Reduction Projects Grant.

BACKGROUND

The Department of Environmental Protection (DEP) is accepting grant proposals for Innovative Recycling and Waste Reduction Projects with a due date of November 10, 2004.

In collaboration with the Physical Plant and Storm Water Management Academy at the University of Central Florida, Seminole County has developed an innovative recycling project using waste tires that improve the conservation of water resources. Please see attached Abstract of Project and Memorandum of Agreement for additional information pertaining to the project.

Revenue requested from this grant is the maximum \$200,000. The matching funds are in-kind salary and wages applicable to the project.

Reviewed by:**Co Atty:** _____**DFS:** _____**Other:** _____**DCM:** SS**CM:** LB**File No.** CFSA01

ABSTRACT

THE DEPARTMENT OF ENVIRONMENTAL PROTECTION INNOVATIVE RECYCLING PROJECTS

The Department of Environmental Protection (DEP) is now accepting grant proposals for Innovative Recycling and Waste Reduction Projects with a due date of November 10, 2004. Respondents to the solicitation for a grant must be a Florida county, municipality, or special district that has legal responsibility for the provision of solid waste management.

In collaboration with the University of Central Florida (UCF) Physical Plant and the Stormwater Management Academy, Seminole County has developed an innovative recycling project using waste tires that improve the conservation of water resources. The goal of the project is to "make improvements that enhance the efficiency and effectiveness of irrigation of public land and have measurable impacts on water conservation and environmental benefits."

The process, designed by Dr. Stuart Hoenig at the University of Arizona, splits used tires "like a bagel," rolls back the sod and "lays the sliced" tires in place; the tires are filled with dirt and the grass is rolled back. This process anticipates the reduction of irrigation by nearly 50 percent.

Seminole County and the University of Central Florida will apply this method and monitor the outcome in three types of environments (both public and private): 1) on the campus of a major metropolitan university, 2) in a county park – Winwood Park, and 3) in a new housing development—residential yard area. The UCF Stormwater Management Academy will oversee the research using the tires as a collection device, in rainfall deposition, stormwater runoff quality, effects on evaporation, and other pertinent factors.

The grant requests the maximum of \$200,000. A match from the County and UCF will be made using wages and salaries.

Please contact the Grants Office for additional information or to peruse the proposal.



**Florida Department of Environmental Protection
FY 2005-06 INNOVATIVE GRANT APPLICATION FORM**

Project Information

- 1) Applicant Name: Seminole County with University of Central Florida
- 2) Primary contact person: Lee Bailey, Grants Administrator
- 3) Complete Address: Seminole County
Department of Fiscal Services
1101 East First St., Sanford, FL 32771-1468
- 4) Telephone Number(s) (407) 665-7125
(including SunCom number): 355-1000
- 5) E-mail address: lbailey@seminolecountyfl.gov
- 6) Project Title: Feasibility Study of Waste Tire Use in Landscaping for Water
Conservation and Stormwater Management
- 7) Grant Request Amount:
- 8) Length of project (months): 12 months

Authorizing Signature

Chairman, Board of County Commission
Title